

*Entire Amendment was sent.*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: J. Bednorz et al.

Date: February 10, 1997

Serial No.: 08/303,561

Group Art Unit: 1105

Filed: September 9, 1994

Examiner: D. McGinty

For: NEW SUPERCONDUCTIVE COMPOUNDS HAVING HIGH  
TRANSITION TEMPERATURE, AND METHODS FOR THEIR  
USE AND PREPARATION

The Commissioner of Patents and Trademarks  
Washington, D.C.

AMENDMENT

Sir:

In response to the Office Letter dated January 8, 1997, please consider the following:

IN THE CLAIMS

Add claims 114-122.

114. (Added) A method including the steps of forming a  
therein which exhibits a superconducting state at a critical  
26°K;

maintaining the temperature of said material at a temperature  
temperature to produce said superconducting state in said phase;

passing an electrical supercurrent through said copper oxide while it is in said

*COPY*

*of initially filed  
amendment*